Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-29 (canceled)

Claim 30 (currently amended): A method of identifying a peptide that specifically binds to a BACE exosite comprising:

(a) contacting BACE with at least one peptide, wherein the at least one peptide comprises a Tyr-Pro-Tyr-Phe (SEQ ID NO:1) motif; and

(b) determining whether the peptide specifically binds to BACE at a site other than the active site of BACE.

Claims 31-42 (canceled)

Claim 43 (previously presented) The method of claim 30, wherein the at least one peptide comprises from 5 to 30 amino acids.

Claim 44 (new): A method of identifying a peptide that specifically binds to a BACE exosite comprising:

(a) contacting BACE with a peptide and a BACE exosite binding peptide, wherein said BACE exosite binding peptide comprises a Tyr-Pro-Tyr-Phe (SEQ ID NO:1) motif and binds to the BACE exosite; and

(b) determining whether the peptide competes with said BACE exosite binding peptide for binding to the BACE exosite.